

User guide



Introduction

Ledalite NatureConnect natural lighting system is based on biophilic design, which uses elements of nature and natural analogues in interior spaces to make people feel happy and healthy. Unlike traditional lighting solutions, NatureConnect not only offers visual benefits but also biological and emotional benefits.

This user guide explains how the system will behave and how the end user can operate the user interface. The behavior described in this manual is designed to comply with Energy Code requirements, while providing maximum comfort to people.

Nature Connect

A NatureConnect system can be controlled by various lighting control systems. This in turn allows for great flexibility in the behavior of the system, as well as the functionality and visual appearance of the user interface.

This guide describes the system as it would operate when combined with Dynalite controls in NatureConnects default and recommended configuration.

Entering the room

When entering a room your presence will be detected by a sensor and the system will turn partially on into a low brightness welcoming scene. This allows you to find the button panel to turn the lighting on. It is also possible to configure the system to turn on automatically to the Day Rhythm scene.

Leaving the room

The default presence sensor timeout for detecting movement is 10 minutes. After these 10 minutes, the system will fade over the course of 5 minutes into a low brightness scene. This scene will be active for a further 5 minutes before all lights turn off.

Manual turn off

The lights can also manually be turned off. This allows to save some energy when leaving the room, or it may be your preference to use the room with the lights off. When turned off manually, the presence sensor timeout is reduced to 90 seconds. After this timeout the system will respond as described in “entering the room”.

Sitting very still

In case there is very little movement, the sensor may indicate that the room is unoccupied, even while you are still there. After not seeing any movement for 10 minutes, the lights will very gradually begin to fade down. If movement is then seen, the system returns to the previously chosen scene.

Welcome screen

The welcome screen on the user interface is shown whenever the system is off or in the welcome scene. Pressing any button will take you to Day Rhythm, which is the default scene. When the system is on, the main screen will be shown.

Main screen

The main screen allows you to select a different scene. Refer to the next section for an overview of what each scene is about. You can choose between Dayrhythm, Energize, Relax, and Present. The bottom-left button allows you to manually turn the system off. The bottom-right button takes you to the brightness adjust screen.

Brightness adjust screen

A NatureConnect system is designed to provide the right amount of light for every moment of the day. We recommend not to adjust the brightness. However, if the amount of light is too much, you can adjust it using the “+” and “-” buttons on the adjustment screen. Whenever a new scene is selected (manually or automatically), the brightness is reset to 100%.



Dayrhythm

The Dayrhythm of NatureConnect creates a circadian rhythm that automatically adjusts the brightness and colors over the day, providing you with a strong sense of time. Just like in Nature. This scene provides the best light experience and strongest biophilic benefits.

Relax

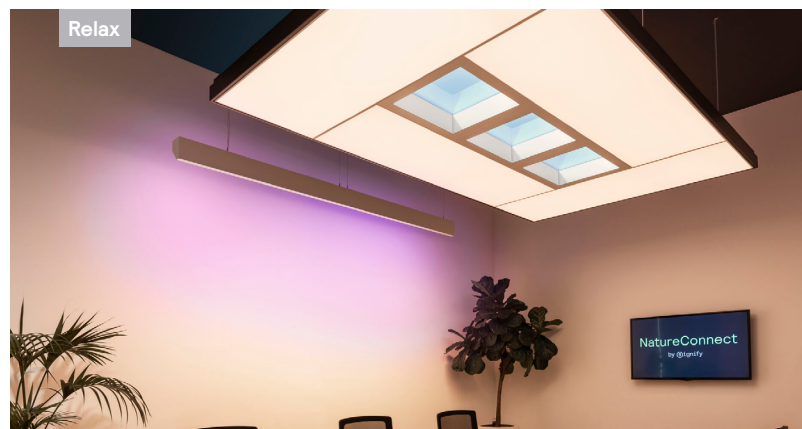
A medium brightness warm scene with comforting colors reminiscent of sunset. An ideal scene to wind down.

Energize

A high brightness cool scene that gives a boost of energy. Perfect for brainstorming or after lunch.

Present

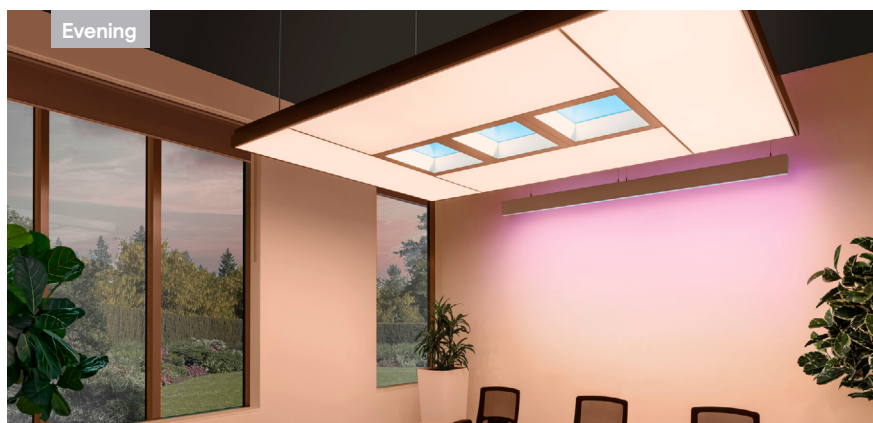
A low brightness scene with color palette reminiscent of astronomical twilight. Ideal for focusing during presentations or for tasks that require a calm atmosphere.



Ledalite NatureConnect

Natural lighting system

Day Rhythm over the day



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